

Remedial Action Cost Engineering and Requirements (*RACER*®) Users Newsletter Summer 2004

Welcome to the first issue of the *RACER* Users Newsletter (RUN). The newsletter will include information about new releases and service packs, upcoming training dates and locations, frequently asked questions, tips for using *RACER* functionality, and any other *RACER* -related items that *RACER* users may find useful.

New Releases and Service Packs

The service release for *RACER* 2004 is still available. *RACER* 2004 Version 6.1 was released in May and fixed some assembly costs and some other issues identified with the program.

We are currently working on *RACER* 2005, which is scheduled for release in October 2004. *RACER* 2005 will have many new features this year. Updates that have been added to *RACER* 2005 (version 7.0.0) include:

- New Composting Technology
- Updated Environmental Technologies
- New Help Topic Drawings
- Functionality Changes to *RACER*
- Utilities for Government Users
- New *RACER* Reports

Technical drawings have been added to fourteen (14) technologies in the *RACER* help system. This new feature allows the user to view drawings depicting the remedial technology.

Functionality Changes to *RACER*

RACER 2005 (version 7.0.0) release will include several changes to the functionality on the Level 2 (Site) screen:

The screenshot displays the 'RACER - Racer.mdb' application window. On the left, a 'Display Option: Name' dropdown is visible above a project tree. The tree structure includes 'RACER', 'New Folder', 'Project', 'Site', 'Site Test', 'SI', 'RD', 'RA-C', 'LTM', and 'PCD'. The main area shows the 'Site' form with three tabs: 'Description', 'Estimator Information', and 'Reviewer Information'. The 'Description' tab is active, showing the 'Site Definition' section. This section contains the following fields:

- Site ID: CO801723
- Site Name: Shattuck Chemical Site
- Site Type: None (dropdown)
- Setup Method: Template (dropdown)
- Template section:
 - Agency/Org.: Other (dropdown)
 - Program: Superfund Remedial (dropdown)

At the bottom of the form are three buttons: 'Accept' (with a checkmark icon), 'Save', and 'Close'. The Windows taskbar at the bottom shows the Start button, icons for RACER - Racer.mdb and Microsoft Excel - Book1, and the system clock indicating 2:30 PM.

- New Estimator Information and Reviewer Information. Required fields have been added to the Site Form for estimators to input their own contact information and to complete contact information for the person completing a Quality Assurance (QA) review on the estimate
- New Pre-Study Phase. This new Phase type will be added to *RACER 2005* to the Level 2 (Site) form's list of Phases to include in the estimate.

RACER - Racer.mdb

File Reports... Contact Info Help

Display Option: Name

- RACER
 - New Folder
 - Project
 - 2 Site
 - 3 SI
 - 3 RD
 - 3 RA-C
 - 3 LTM
 - 3 PCO
 - 2 Site Test

Site

Description	Estimator Information	Reviewer Information
Site Definition	Phase Names	Phase Dates
<input checked="" type="checkbox"/> Pre-Study		
<input type="checkbox"/> Study		
<input type="checkbox"/> Design		
<input type="checkbox"/> Removal/Interim Action		
<input type="checkbox"/> Remedial Action		
<input type="checkbox"/> Operations & Maintenance		
<input type="checkbox"/> Long Term Monitoring		
<input type="checkbox"/> Site Closeout		

Accept Save Close

Select Technology

Additional Technology Selection

Technology Category: All Technologies

D&D, Site Characterization Survey
Discharge to POTW/
Groundwater Monitoring Well
Load and Haul
MMRP Archives Search Report
MMRP Removal Action
MMRP Site Characterization & Removal Assessment
Monitoring
Off-site Transportation and Waste Disposal
Petroleum UST Site Assessment
Preliminary Assessment
Professional Labor Management
Residual Waste Management
Restoration Advisory Board
Site Inspection
Special Well Drilling & Installation
User Defined Estimate

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Selected Technologies

Technology Description

OK Cancel

***RACER* Training Classes**

We do not have any more *RACER* 2004 training classes scheduled for this year. *RACER* 2005 training classes for the Air Force will be held starting in November. We do not currently have any classes scheduled for other Government agencies or for Commercial users. We will update this in the Fall 2004 newsletter due out in October. For more information, please call us at 303-771-3103.

***RACER* Frequently Asked Questions**

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You received an error message that states "Error 429 - Active X component"...?

This is most likely a dll problem. Unregister from the drop-down list. Then Register all dll's found in either one of the following folders:

C:\Program Files\Common Files\ETIPPrograms (for *RACER* 2003 and earlier versions) or:

C:\Program Files\ETIPPrograms\Controls (for *RACER* 2004 and later versions)

If this does not work, check to see that you did not uninstall anything and may have deleted a shared file.

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Error message "Check SubTech"...?

This is similar to the previous question and may occur with the Error 3078. Check SubTech may also be encountered if a phase includes technologies with O&M and has O&M run. Then the technologies on which O&M was based were deleted. This leaves subtech keys that cannot be matched, and the CheckSubTech routine does not work correctly.

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Invalid Password - exiting application Error...?

When running *RACER* on a new-pasted database you receive an error message that states "Invalid Password - exiting application Error" and *RACER* closes. The *RACER* database you are trying to read has read only permissions. Go into the properties for the database file and deselect the "Read Only" property.

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Error 5 - Invalid Procedure Call or Argument"...?

Importing a *RACER* export file you receive an error stating "Error 5 - Invalid Procedure Call or Argument". If you do a lot of importing and exporting, the number of templates get so large that the Template Updater utility cannot be used to delete templates. A workaround for this is to import into a clean *RACER* database. In the C:\Program Files\ETIPrograms\RACER folder, look for BlankRacer.mdb. Copy this to your *RACER* database folder. For *RACER* 2003 and earlier, this is C:\Program Files\ETIPrograms\Data. For *RACER* 2004 and later, your databases should be located in C:\Documents and Settings\User.Name\Application Data\Earth Tech\RACER X.X where User.Name is your login name and RACER X.X is the *RACER* version number such as 6.1 or 7.0.

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***RACER* Functionality Tips**

In *RACER* 2005, the description fields at Levels 1, 2, and 3 will be mandatory. Before you upgrade to *RACER* 2005, it is recommended that you add comments to your estimates. Starting with *RACER* 2005, both the Army Interface Utility (formerly the AEDB-R Interface Utility) and the FUDS Post Processor will be integrated with *RACER*. They are being added to the Main *RACER* menu under Utilities. They will only be available to users who have either a Government (G) or Government contractor (X) licenses.

New *RACER* Users

RACER is now being used by more State Environmental agencies. *RACER* was recently purchased by the West Virginia Department of Environmental Protection. Earth Tech recently made a presentation to the Virginia Department of Environmental Quality. We have also received a Request for Proposal for 17 *RACER* licenses for the North Carolina Department of Environment and Natural Resources. New commercial users include ExxonMobil in the Netherlands and Germany.